



# **Shree Guru Gobind Singh Ji Government College Paonta Sahib, District Sirmaur, Himachal Pradesh**

## ***2<sup>nd</sup> Cycle of NAAC Accreditation***

Criterion 3 Research, Innovations and Extension

### **Key Indicator 3.2 Innovation Ecosystem**

**Metric 3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years**

***Workshops/Seminars on Research  
Methodology, IPR, Entrepreneurship  
and Skills Development***

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# **I. Academic Year**

## **2020-21**

# 1. DBT Sponsored Workshop on Apiculture

Workshop on apiculture was organized by Department of Zoology on 30 November 2021 under DBT sponsored Star College Scheme. Dr. Veena Rathore Principal SGGSJ Govt. College Paonta Sahib was the Chief Guest of the Workshop and the keynote speaker of the workshop was Dr. Amit Bakshi, HDO, Department of Horticulture Paonta Sahib. In This workshop Dr. Bakshi illustrated Bee Keeping in detail. Firstly, he explained through Power Point Presentation and later on explained practical aspects through artificial bee hive and bee keeping tools.

## **Power Point Presentation:**

In the presentation each and every aspect of bee keeping was explained scientifically and the presentation starts with the:

- Taxonomic position of Bee, Colony Genetic Constitution and social organization of bee colony. What are the different species of bees that can be selected in Apiculture.
- How the communication of bees helps in Marriage flight, collection of food, availability of food etc. the Laying of eggs and rearing of Eggs by workers, various works allotted to workers, Duties of King and Queen.
- Importance of Bee Pasturage for establishing of bee colony.
- Various points to be kept in mind for Apiary.
- How to establish Newton and Langstroth beehives for Apiary.
- How to get rid of bee diseases and to prevent bee colony from enemies.
- What are various tools required for bee keeping.
- Methods for Extraction of Honey and uses of Honey, bee wax, Propolis etc.
- Importance of bee keeping as entrepreneurship and to how to use it as to have extra income with agriculture.

## **Practical Aspects of Workshop:**

Dr. Bakshi through artificial bee hive demonstrated the functioning of hive. How the Queen and workers lives in chambers (brood chamber and super chambers).The various tools as comb foundation, queen excluder, smoker, uncapping knife, hive tool, etc. are shown to students and functioning is explained. The workshop on Bee keeping was very informative each and every aspect was kept in mind and beautifully explained by Dr. Bakshi. At the End the students' quarries are also dealt with patience. Total 51 BSc zoology students attended the workshop.



Convenor Dr. Ritu Pant delivering introductory speech.



Chief Guest Dr. Veena Rathore addressing the participants.



**Pictures:** Invited speaker, Dr. Amit Bakshi demonstrating the various aspects of apiculture

## 2. DBT Sponsored Workshop on Poultry Farming

A workshop on Poultry Farming was organized by Department of Zoology SGGSJ Govt. College Paonta Sahib on 2<sup>nd</sup> December 2021. Dr. Veena Rathore, Principal of the college was the Chief guest of the workshop. Dr. Rohit Veterinary Doctor from Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalya, Palampur Extension Branch Dhaulakaun was the Key note speaker. He explained the Poultry Farming in detail through Power Point Presentation and Videos of Poultry farm in India and abroad was shown. He also illustrated the processing of eggs and Chicken meat through videos.

The Power point Presentation: Dr. Rohit explained in detail

- All Poultry Birds their chromosomal constituent's, classification of all Poultry Birds.
- The anatomy of Chick, egg formation in female reproductive track.
- Chemical composition of chick egg.
- Importance of balanced diet, Importance of egg and meat in balanced diet.
- Statistically explained egg production at National, State and at District Level.
- Importance of Chicken egg & meat for economically poor section of Society.
- Rearing of chicken, Management of Farm, various techniques used in Poultry farm.
- Various poultry diseases their control, vaccination to chick, diet to chick etc.
- Government schemes for establishing poultry farm.

### **Videos Related to Poultry Farming:**

He also illustrated the:

- Hi tech Poultry farm in abroad, in which the no of functions in the farms as cleaning of rooms, feeding, and incubation of eggs etc were done with machines.
- A poultry farm at local level is also shown and various indigenous methods were explained.
- Processing of chicken meat in Hi-tech. Factory in abroad.

The power point presentation and videos were very informative and able to explain Poultry Farming in toto. Total 75 students of B.Sc. Zoology attended the workshop.



*Photograph 1 Presentation by Dr. Rohit*



*Photograph 2 Invited speaker delivering talk on poultry farming.*



### 3. Workshop on Cyber Crime and Cyber Security

In this digital world, where students and everyone are increasingly wired to social media and the internet, the concerns of Cyber Security, Cyber bullying, and Cyber hygiene are pertinent. The students as well as the staff members need to be well informed of what steps can be taken to keep themselves safe. With this notion, SGGSJ Govt. College Paonta Sahib hosted a workshop on Cyber Security and Cyber Crime and an interactive session by Cyber Security expert Sh. Bir Bahadur, Sub Divisional Police Office, Paonta Sahib on 01/09/2021. He has conducted many workshops and has numerous achievements in the field of cyber security and cyber crime. The Chief Guest of this workshop was Dr. Veena Rathore, Principal of this college.



*Photograph 3 Sh. Bir Bahadur, Sub Divisional Police Office, Paonta Sahib*

The workshop began with the formal welcome of the resource person and after that he interacted with the students and staff through his presentation and question-answer session. The participants were told about the legal aspects of accessing the internet like the legal age, ethics and rules of using social media.





*Photograph 4 Presentation on Cyber Crime*



*Photograph 5 Students and Teachers during the Workshop*

The participants were advised to handle the real and virtual life judiciously. The audience were introduced to various terminologies like cyber bullying, hacking, phishing, cloning, data theft and digital frauds. The participants were sensitized towards privacy and security of data. The resource also shared the helpline numbers and websites for reporting cyber crimes. The workshop ended with vote of thanks and national anthem.

# जागरूकता से ही होगा साइबर अपराध से बचाव : डीएसपी



साइबर क्राइम पर आयोजित कार्यशाला में डीएसपी वीर बहादुर को सम्मानित करतीं प्राचार्य वीना राठौर। - संवाद

## संवाद न्यूज एजेंसी

पांवटा साहिब (सिरमौर)। डीएसपी वीर बहादुर ने कहा है कि जागरूकता ही साइबर अपराध से बचा सकती है। वे वीरवार को राजकीय महाविद्यालय पांवटा साहिब में साइबर सिक्योरिटी पर कार्यशाला को संबोधित कर रहे थे।

उन्होंने साइबर सिक्योरिटी और

इसकी चुनौतियों से स्टाफ और विद्यार्थियों को अवगत करवाया। मुख्य वक्ता डीएसपी पांवटा ने विद्यार्थियों के माध्यम से सभी वर्ग के विद्यार्थियों से नशे से दूर रहने का आह्वान किया।

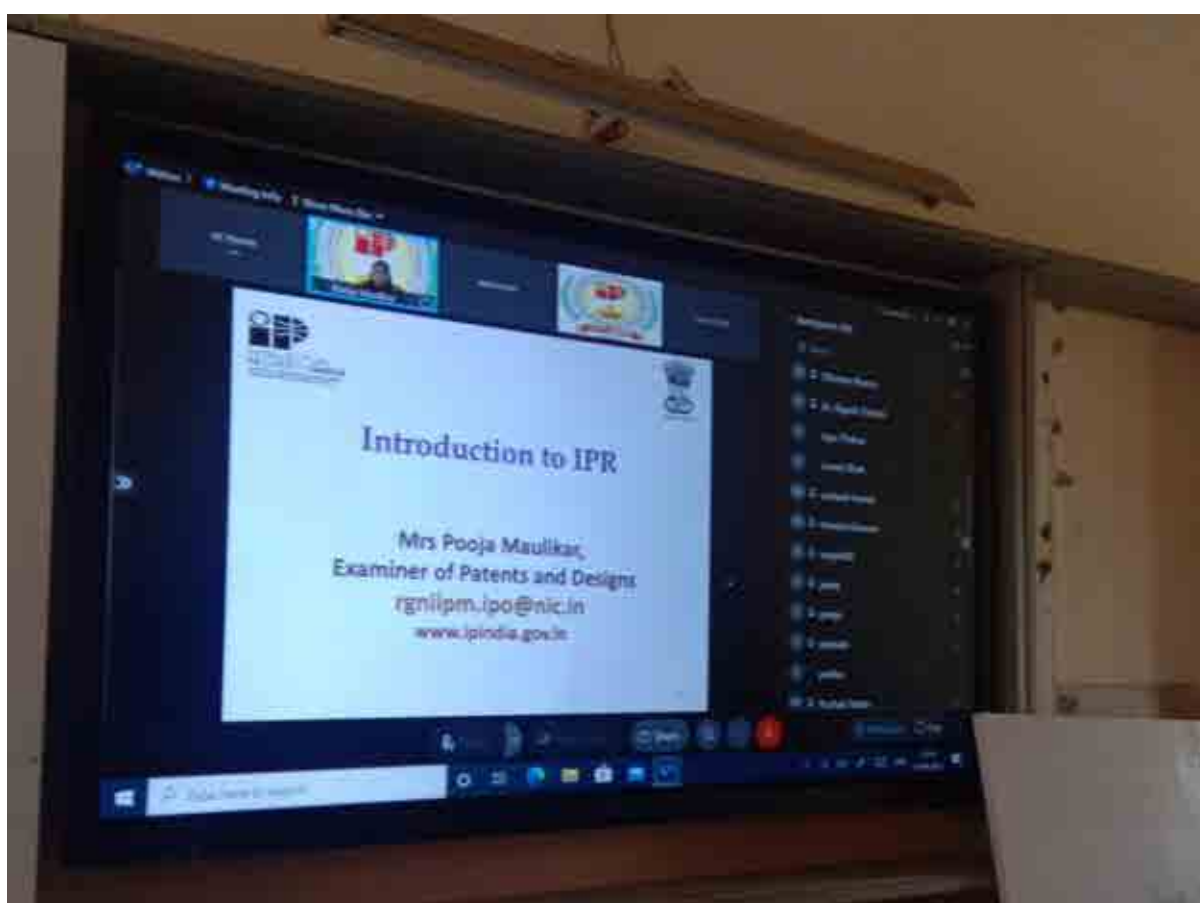
उन्होंने विद्यार्थियों और समाज की मदद से पांवटा साहिब को नशा मुक्त बनाने का आश्वासन दिया। समारोह की मुख्य अतिथि और

महाविद्यालय की प्राचार्य डॉ. वीना राठौर ने इस अवसर पर कहा कि आज के इस दौर में साइबर अपराध से बचने के लिए जानकारी ही सबसे बड़ा हथियार है। इस अवसर पर कार्यक्रम आयोजन समिति सदस्य प्रो. स्वामीनाथ, प्रो. जाहिद मलिक, प्रो. रिकू अग्रवाल, प्रो. इंदर नेगी समेत कॉलेज स्टाफ सदस्य मौजूद रहे।

News Clip 1 Amar Ujala 3<sup>rd</sup> September 2021, p. 6

## 4. Workshop on Intellectual Property Rights

A workshop on intellectual property rights was conducted by the Career Guidance and Placement Cell of the college on 17/09/ 2021. Ms Pooja Maulikar from RGNIPM, Nagpur, was the resource person for the day. Rajiv Gandhi National Institute for Intellectual Property Management (RGNIPM) is a National Center of Excellence Central Government Institute under the Ministry of Commerce & Industry engaged in conducting International Trainings and awareness workshops on Intellectual Property Rights (IPR) i.e. Patents, Designs, Trademarks, Copyrights, GI etc.



*Photograph 6 Presentation on IPR*

At present, filing of Indian IP applications/Patents by Institutes, University, Industries are very low despite their significant contribution towards R&D and thus patent applications filed by the Indian Inventors and Companies are very less as compared to foreign applicants. Also it has often been observed that many inventors are losing the chance of obtaining Patents, designs for their inventions by commercially using or publishing their inventions in newspapers or scientific and technical journals and such inventions are thus remain unprotected and lose their exclusive rights. It is a common experience that through ignorance



of Patent/designs, inventors jeopardize the chance of obtaining patents/designs for their inventions by commercially using or publishing their invention in newspapers or scientific and technical journals, before applying for patents. Hence many Indian inventions are not patented and thus remain unprotected.



*Photograph 7 Participants during the Workshop on IPR*

Therefore, to implement the objectives of National IPR Policy 2016 and to safeguard the interest of the inventors & to upgrade IP skills of Teachers, students, scientists, an Online workshop on IPR- Patents & Design was conducted for students. The online session was attended by 102 students in addition to this the one-hour program was aired live in smart classroom number 101 which was attended by 72 students. The Program was organized by the members of Career Guidance and Placement Cell of the college between 1 to 2 p.m. Mostly the students of Commerce and Sciences attended the session along with interested members of the staff.

## 5. National Level Intensive Industrial Awareness Workshop

Students of SGGSJ Government College, Paonta Sahib in a collaborative initiative participated in National Level Intensive Industrial Awareness Workshop Organised by Himalayan Group of Professional Institute and Himachal Chamber of Commerce & Industry on 22<sup>nd</sup> October 2021. The main objective of this workshop was to create awareness about the demand of the industry, bridge the gap between theory and practical work which will help to develop skills which will facilitate application of theory in practical situations of life. Students from various colleges in surrounding areas also participated in this workshop.

The students had a chance to listen to experiences of Executives of leading Industries in Paonta Sahib like Mankind, Sun Pharma, Tirupati, Biological E Limited etc. This workshop was chaired by Mr. Satish Goel, President and Chairman of Chamber of Commerce. Mr. Manjeet Kumar head HR Tirupati group, Mr Sreyand. Anand HR of Tirupati Group, Mr. Ajay Himanshu, HR Head Biological E. Pharmaceutical and Mrs. Ishleen Kaur, Corporate Trainer were keynote speaker in this programme.

15 students of B.Com. and B.Sc. of the college had a chance to participate in this workshop and interact with the other students at college in surroundings of Paonta Sahib. Dr. Pushpa Yadav and Dr. Pankaj Yadav accompanied the students and participated in this workshop.



*Photograph 8 Students of SGGSJ Govt. College, Paonta Sahib at the Workshop.*

## 6. Skill Bridging Workshop

A Skill bridging workshop was conducted by the Career Guidance and Placement Cell of the college on 7/10/ 2021 for the final year students of the college. Ms.Seema Soni , The CEO of Osaka consultancy was the resource person for the day. She has worked with various reputed organizations. Born and brought up in Kaizen culture, she has 15 year experience of overseas training in reputed companies like Toyota , Mitsubishi. She has rendered her services in various organizations. She is an Electronics graduate and mentoring a prestigious and well known auto sector firm in North region as a TQM Co coordinator. In her session she focused on the important of problem solving and the much-required skills for employment in Private Sector.

162 final year students of Arts, Commerce and Science streams attended this absorbing session along with interested members of the staff.



*Photograph 9 Ms.Seema Soni, The CEO of Osaka consultancy*



*Photograph 10 Participants during the Workshop*



# **II. Academic Year 2019-20**

# 1. DBT Sponsored National Workshop on Food Adulteration

A two-day national workshop on “Food adulteration” was organized by the Department of Chemistry on 27<sup>th</sup> & 28<sup>th</sup> Sept 2019 under DBT sponsored Star College Scheme founded by DBT New Delhi. 180 delegates (teaching faculty, research scholars and students) from different colleges and universities participated in the workshop.

## FIRST DAY

The workshop was inaugurated by Principal Devindra Gupta followed by a brief note on star college scheme by Dr. Jahid Ali Malik Coordinator and introductory speech by Convenor Ms Amita Joshi. In first session, invited speaker & Chief guest **Dr. A. Madhavan** (Former advisor to Minister of State for Health and Family welfare Govt. of India) talked about oils, fats, healthy and unhealthy foods and explained terms like PUFA, MUFA and their effects on human health.

Dr A Madhavan gave his lecture on “**Edible Oils and Fats-Healthy and Unhealthy Food**”. In the first half of the session Healthy and unhealthy food was discussed. He started with the important constituents of food as recommended by WHO and then explained difference between bad and good food, unsafe and safe food. He gave a brief outline of chemical contamination of food and how these chemical contaminants cause various diseases specially cancers and cardiovascular diseases. A seven-point questionnaire was discussed which included seven questions:

1. Are you eating the right food?
2. Do you have a balanced diet in your house?
3. What is nutritive value of your food
4. Does it give required vitamins, minerals and other nutrients?
5. Is there any toxin or unsafe material in it?
6. Is your water safe and healthy?
7. Are the cooking and handling practices right and hygienic?

In second phase primary and secondary sources of oils and fats, raw edible oils used in India, refining of vegetable oils, value added vegetable oil products were discussed. Dr Madhavan in the concluding session discussed the health risks associated with oils and fats, FSSAI specifications for refined oils, food safety and standards regulations notified in 2011 and regulations on labelling for fats/oils.

In second session **Dr Ashwani Rathour** (Vice President Reliance Retails Gurgaon), talked about food safety in supply chain of dairy industry. He gave a detailed account of preventing infection through animal health care, quality management system in dairy industry. Dr. Ashwani Rathore, Vice President Reliance Retail Limited delivered his talk on the topic "Food Safety in Supply Chain of Dairy Industry". He explained through a power point presentation about clean milk production at farm level. According to him contamination of milk occurs at five main levels namely animal shed and environment, the animal, its health and management, milker and milking routine, milking equipment and finally storage and transport.

He further explained how *Pseudomonas Aeruginosa* enters and affects animals. Lack of hygiene, improper cleaning of bulk milking equipment, dirty udders, improper milk handling and storage are the main causes of this infection. He suggested Quality measurements which should be taken at the production level, collection level to follow food safety in supply chain of Dairy Industry. He talked about the Global Food Safety Initiatives launched in 2000 in which the mission was to provide continuous improvement in food safety management systems to ensure confidence in delivery of safe food to consumers worldwide. Various terms like food chain, food safety hazards, end product, monitoring, corrective action, validation were also defined and explained in detail. Besides this, the chemical composition and nutritional value of milk was also dealt with in detail. He concluded his talk with the opinion that raw milk quality control at the village level is a very challenging task and has to be taken up considering the long-term perspective for making Indian Dairy products acceptable in the international arena. In the end he laid stress on the fact that providing a safe, high quality and nutritious dairy product to the consumers is need of the hour although challenging because all aspects of the production chain, from farm to the consumer must be considered.

In the third post lunch session **Dr. A Kaistha** (Assistant Commissioner Food Safety Sirmour) covered a variety of topics including classification & adulterants in milk and penalties under *FSSAI act 2006*. The classification of adulterants with special mention of milk adulterants was dealt with in detail by Dr. A. Kaistha. Adulterants like urea, formalin, detergents, ammonium sulphate, boric Acid, sugars, melamine and their common detection techniques as well as the harmful health effects of these adulterants were also discussed.

A detailed account of the FSSAI Act 2006 was given in which various terms like adulterant, contaminant, food additive food safety, and unsafe food were initially explained and then various sections under this act were defined. Special stress was laid on Section 51, 53, 56, 57, 59, 64, 65, 68, 70 which deal with the penalties associated with the manufacture and distribution of unsafe food.

## SECOND DAY

Invited speaker and Chief guest for the second day **Dr. Chandan Pandey** (HOD Food and Drug Administration Mathura, UP) explained how food adulteration can be perceived as a hobby and motivated the participants to work in the fields like super food and journey food.

Sh Chandan Pandey (DO), FDA, Mathura took up two sessions with the students. In one session he motivated the students to develop it as a hobby. He gave the students an insight into the topic food adulteration and the various ways in which there is possibility of making a hobby in food quality. According to him students can pursue study on quick, easier and alternative detection techniques of food adulterants, collecting various food adulterants, collecting various news from newspapers about adulteration, sensory evaluation of food items, food safety in kitchen, food fraud, collecting and sharing information on food labeling, model and functioning of food safety governance, composing poems, play writing, film making etc. and further studies and research can be done on topics like functional food, super food, journey food, fermented food etc.



*Photograph 11 Demonstration of various adulterants by Sh Chandan Pandey and his Colleague Sh. Niranjana and Sh. Nand Kishor*

This was followed by demonstration by his Colleague Sh. Niranjana and Sh. Nand Kishor in the second session. They performed tests for various adulterants in milk and milk products, honey, pulses and spices and some students performed rapid detection tests of food adulterants. They performed the tests recognised by Food Safety and Standards Authority of India (FSSAI). Very simple tests for detection of detergent in milk, starch in milk and milk products, sugar in honey, chalk powder in sugar and detection of dust, pebble, weed seeds, rodent hair and excreta in food grains; *khesari dal* in *dal* whole; in food grains, turmeric in

*Sella* rice, earthy matter in asafetida (Hing); papaya seeds in black pepper grass seeds in cumin seeds; were performed by him. The students as well as teachers who had brought samples of various food items, participated with enthusiasm in this session.

In the post lunch session, **Sh. Sanjay Aggrawal** (Director Rich Pro Food Paonta Sahib talked about Food safety and ISO certification. He told that ISO has specific [food safety standards](#) to minimize the risk of food contamination. Manufacturers of all sizes have a responsibility to produce safe goods that support the wellbeing of consumers. For instance, in the food industry, unsafe products can have devastating consequences, which is why the overarching goal of ISO standards for food safety is controlling hazards across the global supply chain.

Sh. Satish Goyal (President Chamber of Commerce and Industry Paonta sahib) actively participated in the workshop and sponsored kits for the participants. Certificates to all the participants were given by organizing secretaries Dr Kundan Sharma and Dr. Sunil Kumar of Department of Chemistry in the Valedictory session.



*Photograph 12 Group photograph of participants of workshop*

### **Outcomes:**

The workshop raised the awareness among participants about adulteration, by finding the contaminants and harmful content in the milk, oils and other edibles. The workshop also provided the knowledge about laws and regulations, regulating food adulteration.

#### Local Organizing Committee

Ms. Tami Chandil  
Mr. Mandeep Gargali  
Mr. Ram Lal Tomar  
Dr. C.K. Sharma  
Dr. Dipan Bhargava  
Dr. Arun Dattal  
Ms. Kanta Chauhan  
Mr. Karanesh Kumar  
Dr. Kiran Bala Sharma  
Ms. Sonia Mohil

Ms. Vandana Karsal  
Ms. Chini Bansal  
Dr. Jagdish Chaudhan  
Mr. Binu Aggrawal  
Ms. Deepa Chaudhari  
Dr. Royna Chauhan  
Ms. Reno Sharma  
Ms. Vimmi Ram  
Mr. Kalyan Rana  
Dr. Pradeep Tomar

#### Registration Fee\*

Corporate/Industry Participants Rs. 1000/-  
Faculty/Scientists Rs. 750/-  
Research Scholars Rs. 500/-

\*Participation fees include lunch and high tea only  
\*\*For accommodation, separate charges will be applicable

**Mode of payment:** Online/ Cash.  
**Bank Name:** Canara Bank  
**Branch:** Paonta Sahib  
**Account Name:** Principal Govt. Degree College  
**Account No.:** 4200101001814  
**IFSC Code:** CNRB0004200

**Fee Receipt:** The hard copy of fee receipt will be provided to participants on the day of workshop.

#### LOCATION MAP



#### REGISTRATION FORM

National Workshop On "Food Adulteration"  
(27-28<sup>th</sup>, Sept. 2019)

Name: \_\_\_\_\_  
Male/Female: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Organization/Institution: \_\_\_\_\_

Area of Research/ Teaching: \_\_\_\_\_

Address: \_\_\_\_\_

Accommodation Required (Yes/No): \_\_\_\_\_

No. of days for which accommodation required: \_\_\_\_\_

Contact No.: \_\_\_\_\_

E-mail: \_\_\_\_\_

#### Registration Fee Details:

Online/Cash: \_\_\_\_\_

Transaction Ref. No.: \_\_\_\_\_

Name of Bank: \_\_\_\_\_

Date of Payment: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Signature

**NOTE:** Send scanned copy of duly filled registration form via email: [workshopchem19@gnpsnet196@gmail.com](mailto:workshopchem19@gnpsnet196@gmail.com) till Sept. 10, 2019.

#### NATIONAL WORKSHOP ON "FOOD ADULTERATION" (27-28<sup>th</sup> Sept. 2019)



Funded by Department of Biotechnology,  
Govt. of India  
Under Star College Scheme



NAAC ACCREDITED 'B++' GRADE



Organized By :  
DEPARTMENT OF CHEMISTRY  
SGGSJ GOVT. COLLEGE PAONTA SAHIB,  
DISTT. SIRMOUR (H.P)

#### ABOUT THE COLLEGE

Established in the year 1994, Shree Guru Gotsind Singh Jee Government College Paonta Sahib is named after the 10<sup>th</sup> Sikh Guru, the founder of Khanda Path. Shree Guru Gotsind Singh Jee. It is believed that this Holy Guru spent a part of his life here between 1685 to 1689. The college campus is spread over in 40 bighas of land in village Shrin Khara of Paonta Sahib, about 1.5 kilometers walkable distance from Bus Stand. The College became a NAAC Accredited Institution and achieved 'B++' grading for its Quality Oriented Approach and potential for growth and excellence in the Academic Session 2016-17. Recently, in view of this accreditation, the MHRD, Govt of India has been kind enough to approve Rs. 2 Crore institutional grant to the college under the HUSA, which will help this institution in achieving the new heights of excellence.

#### ABOUT THE WORKSHOP

Star College Scheme was initiated in 2008 by the Department of Biotechnology (DBT) to nurture excellence in undergraduate science education to holistic development of colleges. So far 96 colleges have been supported throughout the country under strengthening component. The emphasis of the scheme is on improving knowledge and skills of teachers, providing access to specialized infrastructure and consumables, to improve hands on training and industrial exposure as well as individual research projects for undergraduate students. The DBT has accorded the financial support of rupees 84 lakhs for three years to three departments viz. Botany, Chemistry and Zoology of this college after screening of the proposal and presentation before expert committees. The workshop on Food Adulteration is also funded by the Department of Biotechnology, Government of India, New Delhi.

#### PATRON

Principal, SGGJS Govt. College Paonta Sahib,  
Sirmour (H.P)

#### CONVENER

Ms. Amita Joshi, Assistant Professor  
Department of Chemistry,  
Govt. College Paonta Sahib, Sirmour (H.P)  
Mob. No. 9418132511

#### ORGANIZING SECRETARIES

Dr. Kundan Sharma, Assistant Professor  
Department of Chemistry,  
Govt. College Paonta Sahib, Sirmour (H.P)  
Mob. No. 9418211568

Dr. Sunil Kumar, Assistant Professor  
Department of Chemistry,  
Govt. College Paonta Sahib, Sirmour (H.P)  
Mob. No. 7409736969

#### JOINT SECRETARIES

Ms. Sulaxna Sharma  
Associate Professor, Zoology

Ms. Seema Tyagi  
Assistant Professor, Zoology

Ms. Dhanmanli Kandasani  
Assistant Professor, Botany

#### CALL FOR PARTICIPATION

Applications are invited to the enclosed 'registration form' from corporate/industry persons, faculty/scientists and research scholars in the relevant areas like Chemistry, Biochemistry/Biotechnology, Health Sciences, Pharmaceutical Sciences, Food science and technology etc. The scanned/hard copy of duly filled registration form should be sent via E-mail: [workshopchem19@gnpsnet196@gmail.com](mailto:workshopchem19@gnpsnet196@gmail.com) till Sept. 10, 2019. The selected participants will be informed through E-mail.

#### ADVISORY COMMITTEE

Dr. Garima Gupta, Scientist 'E'  
Programme Officer, Star College Scheme, HRD Division,  
Department of Biotechnology, Ministry of Science and  
Technology, New Delhi-3

Dr. Vatsala J. Pande, Director, Lok Sabha, Secretariat  
Room No. 132G, PLB, Parliament of India 110011

Dr. A.K. Bhatt, Department of Biotechnology  
Himachal Pradesh University, Shimla (HP)

Dr. Jahid Ali Malik, Coordinator, Star College Scheme  
Govt. College Paonta Sahib, Sirmour (H.P)

Dr. M.S. Chauhan, Department of Chemistry  
Himachal Pradesh University, Shimla (HP)

Dr. Suvarcha Chauhan, Department of Chemistry  
Himachal Pradesh University, Shimla (HP)

Dr. Neeraj Sharma, Department of Chemistry  
Himachal Pradesh University, Shimla (HP)

Dr. K.R. Justin Thomas, Department of Chemistry  
Indian Institute of Technology, Roorkee (U.K)

Dr. Christine Jayaseelan, Department of Chemistry  
Annamalai University, Madurai, (T.N)

Dr. Shweta Rana, Department of Chemistry  
Panjab University, Chandigarh.



## WORKSHOP ON FOOD ADULTERATION

A national workshop on food adulteration will be organised at Shri Guru Gobind Singh Ji Government College, Paonta Sahib, on September 27 and 28. It is sponsored by the Department of Biotechnology, Delhi, under the Star College Scheme initiated in 2008 and emphasises on improving knowledge and skills of teachers, providing access to specialised infrastructure and consumables, to improve hands on training and industrial exposure as well as individual research projects for undergraduate students. Under this scheme, the college obtained the financial support of ₹63 lakh for three years for three departments - botany, zoology and chemistry - to nurture excellence in undergraduate science education for the development of college. Nearly 95 delegates from various colleges of the state are expected to attend the workshop.

News Clip 2 The Tribune, 21<sup>st</sup> September 2019, p. 2

## खाद्य अपमिश्रण पर 95 प्रतिनिधि करेंगे शोध पांवटा कालेज में जैव प्रौद्योगिकी पर कल से कार्यशाला

दिनेश पुंडीर – पांवटा साहिब

श्री गुरु गोबिंद सिंह राजकीय महाविद्यालय पांवटा साहिब में 27 और 28 सितंबर, 2019 को जैव प्रौद्योगिकी विभाग नई दिल्ली के सौजन्य से खाद्य अपमिश्रण विषय पर रसायन विभाग द्वारा दो दिवसीय राष्ट्रीय कार्यशाला का आयोजन किया जा रहा है। इस कार्यशाला में लगभग 95 प्रतिनिधि भाग लेंगे, जिसमें विभिन्न राज्यों के विश्वविद्यालयों व महाविद्यालयों के प्राध्यापक, शोधार्थी, पूर्व छात्र व विज्ञान संकाय के विद्यार्थी शामिल हैं। जैव प्रौद्योगिकी विभाग नई दिल्ली के द्वारा स्नातक विज्ञान शिक्षा में उत्कृष्टता को बढ़ावा देने व कालेज के समग्र विकास के लिए स्टार कालेज योजना

आरंभ की गई है। स्टार कालेज योजना का उद्देश्य शिक्षकों के ज्ञान और कौशल में सुधार करने, विशेष बुनियादी ढांचे तक पहुंच प्रदान करने और उपभोग्य, प्रशिक्षण, और औद्योगिक जोखिम के साथ-साथ स्नातक छात्रों के लिए व्यक्तिगत अनुसंधान परियोजनाओं को बढ़ावा देने पर केंद्रित है। इस योजना के तहत राजकीय महाविद्यालय पांवटा साहिब को वनस्पति विज्ञान, जीव विज्ञान और रसायन विज्ञान तीन विभागों के लिए कुल 63 लाख रुपये की वित्तीय सहायता प्राप्त हुई है। कार्यशाला के लिए 27 सितंबर, डा. ए. माधवन निदेशक गुणवत्ता प्रबंधन, खाद्य सुरक्षा केंद्र और



ऑयल टेक्नोलॉजिस्ट के उपाध्यक्ष और डा. अतुल कायस्थ सहायक आयुक्त खाद्य सुरक्षा सिरमौर प्रांत: सत्र व दोपहर बाद सत्र क्रमशः के मुख्य वक्ता रहेंगे। चंदन पांडे एचओडी खाद्य, औषधि प्रशासन मथुरा, डा. अश्वनी राठौर वरिष्ठ उपाध्यक्ष रिलायंस रिटेल गुरुग्राम हरियाणा 28 सितंबर, 2019 को दोनों सत्रों के मुख्य वक्ताओं के रूप में शिरकत करेंगे। रसायन विभाग से प्रो. अमिता जोशी, प्रो. सुनील व प्रो. कुंदन ने बताया कि कार्यशाला आयोजन में सतीश गोयल, अध्यक्ष हिमाचल चैंबर ऑफ कॉमर्स एंड इंडस्ट्री पांवटा साहिब और संजय अग्रवाल, निदेशक का भरपूर सहयोग मिल रहा है।

News Clip 3 Divya Himachal, 26<sup>th</sup> September 2019, p. 6



# खाद्य पदार्थों में मिलावट से रहें सावधान

## पांवटा साहिब पीजी कालेज में खाद्य अपमिश्रण कार्यशाला

दिनेश पुडीर – पांवटा साहिब

बाजार में आजकल खाद्य पदार्थों में कई प्रकार की मिलावट वाले प्रोडक्ट मिल रहे हैं।

खासकर त्याहारी सीजन में मिलावट

पदार्थों की बाजार में भरमार हो

जाती है, जिनसे बचने के लिए हमें

उनकी जानकारी होना बहुत जरूरी

है। यह बात पांवटा साहिब के पीजी

कालेज में खाद्य अपमिश्रण पर आयोजित

दो दिवसीय राष्ट्रीय कार्यशाला के दौरान खाद्य एवं

औषधि प्रशासन मथुरा के एचओडी चंदन पांडे ने

कही। उन्होंने कहा कि आजकल कई आपराधिक

तत्व दूध सहित मसालों व अन्य खाद्य पदार्थों में

भारी मिलावट कर रहे हैं। इन चीजों में कैमिकल

मिलाकर लोगों के स्वास्थ्य से खिलवाड़ हो रहा

है। उन्होंने कहा कि किसी भी सामाजिक बुराई से

लड़ने के लिए भय नहीं साहस चाहिए और इस

बुराई से भी हर भारतीय को खाद्य पदार्थों में

मिलावट के प्रति एकजुट होकर विवशता पूर्ण व भय से नहीं, बल्कि दिल से लड़ना होगा। यह

हमारे स्वास्थ्य से जुड़ा मसला है, इसलिए यदि

इसे रुचि के रूप में अपनाएंगे तो

इसके खिलाफ बेहतर तरीके से

लड़ पाएंगे।

इस दौरान उनके सहयोगी

नंद किशोर व निरंजन ने विभिन्न

प्रयोगों द्वारा हल्दी, मिर्च, दाल

इत्यादि खाद्य सामग्री में होने वाली

मिलावट को प्रदर्शित किया और इनकी पहचान

करने के बारे में भी जानकारी दी। विशेषतौर पर

पूहंचे संजय अग्रवाल ने फूड सेफ्टी पर अपने

विचार रखे और आईएसओ सर्टिफिकेशन पर

जानकारी दी। इस मौके पर कालेज प्राचार्या प्रो.

देविंद्र गुप्ता सहित कालेज स्टाफ, शोधार्थी और

स्थानीय विद्यार्थी भी मौजूद रहे। यह कार्यक्रम जैव

प्रौद्योगिकी विभाग नई दिल्ली के सौजन्य से

आयोजित किया गया।



News Clip 4 Divya Himachal, 29<sup>th</sup> September 2019, p. 5

## 2. DBT Sponsored Two Days Workshop on Medical Diagnosis & First Aid

Two days workshop on Medical Diagnosis & First Aid was organized on 19-20<sup>th</sup> December 2019 by Zoology department, under star college scheme sponsored by DBT, Government of India New Delhi.

It began with lightening of lamp by Principal Prof. Devindra Gupta followed by words of coordinator Dr. Jahid Ali Malik, who welcomed all the guest speakers, participants, students and briefed about the star college scheme sponsored by DBT New Delhi. Prof. Sulaxna Sharma, Convenor of the workshop introduced the guest speakers, highlighted the importance of the workshop and motivated the students for their active participation.



*Photograph 13 Dr. Pravesh Sablok demonstrating First Aid*

First session began with, 1<sup>st</sup> guest speaker who delivered lecture on **“Hypertension: its diagnosis and management”**. She told that Hypertension is the number one health related risk factor in India, with the largest contribution to burden of disease and mortality. India’s demographic transition with an increasing proportion of elderly people and a sedentary lifestyle and obesity associated with increasing urbanization, and other lifestyle factors like high levels of salt intake, alcohol and tobacco consumption, are contributing to this burden

of hypertension. She talked about various aspects viz. prevention, screening, diagnosis and management of this life style disease. Various techniques to measure BP and routine checkup tests were shown to the students. It was followed by question and answer session. Second session started with talk on the topic “**Diabetes**” by Dr. Neena Sablok. She elaborated the various clinical aspects of the disease, its causes like life style and obesity and its management.

In third session guest speaker **Dr. Parvesh Sablok** delivered lecture on **Anemia: Its Causes & Consequences**. He explained the condition of anemia as one does not have enough red blood cells. The cells travel with iron and hemoglobin, which is a protein that helps carry oxygen through the bloodstream to the body organs. An anemic person feels more tired or cold than healthy person. Anemia affects more than two billion people globally, which is more than 30% of the total population. Dr. Sablok discussed the types of anemia and its management. The session was followed by question answer by students, participants and faculty. The day ended with vote of thanks by Prof. Seema Tyagi.

2<sup>nd</sup> day of workshop started with reporting of previous day by convenor Prof. Sulaxna Sharma. Session started by lecture on “**First Aid**” by Dr. Neena Sablok and demonstration of every technique of first aid like ABC and CPR were given on dummy models. Students learnt the techniques of First Aid for fire burns, bone and muscle injury, and snake poisoning like conditions.



**WORKSHOP ON MEDICAL DIAGNOSIS & FIRST AID**

(19-20<sup>th</sup> DECEMBER 2019)

Organized By

**DEPARTMENT OF ZOOLOGY**

**SGGSJ GOVT. COLLEGE PAONTA SAHIB, SIRMOUR (H.P)**

(NAAC ACCREDITED B++ INSTITUTION)

**Funded by Department of Biotechnology, Govt. of India**  
**Under Star College Scheme**



2<sup>nd</sup> session of the day was taken by **Dr. Kamaal Pasha** who delivered lecture on **high B.P. causes and diagnosis**. He discussed diseases like gout and gave hand on training of measurement of B.P., CBC, Hemoglobin and other blood test. Student's queries were answered in the question answer session. First aid kits were distributed to the student participants. Workshop ended with vote of thanks followed by National Anthem.

**Outcomes:**

- The workshop served as an outreach activity for the teaching and non-teaching staff of the college.
- The hands-on training given to students on first aid by experts, practical knowledge of instruments and their working.
- Knowledge and awareness of various common diseases along with data and research by the specialists



*Photograph 14 Group Photograph of Participants*

## पांवटा कालेज में डायग्नोसिस एवं प्राथमिक चिकित्सा पर सजी कार्यशाला

कार्यालय संवाददाता-पांवटा साहिब

श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में मेडिकल डायग्नोसिस एवं प्राथमिक चिकित्सा पर दो दिवसीय कार्यशाला का आयोजन किया जा रहा है। इस कार्यशाला का शुभारंभ प्राचार्या देविंद्रा गुप्ता द्वारा मुख्य वक्ता डा. प्रवेश सबलोक एवं डा. नीना सबलोक को बैज पहनाने से हुआ। कार्यशाला का आयोजन जैव प्रौद्योगिकी विभाग की नई दिल्ली के सौजन्य से प्राणी विज्ञान विभाग द्वारा किया जा रहा है। इसी क्रम में सीएससीए अध्यक्ष शुभम शर्मा द्वारा प्राचार्य को बैज पहनाया गया। इस दौरान प्राचार्या द्वारा दीप प्रज्वलन के साथ मां सरस्वती की प्रार्थना में सभी अतिथि सम्मिलित हुए। प्राचार्या प्रो. देविंद्रा गुप्ता ने अपने स्वागत भाषण में मुख्यातिथि डा. नीना सबलोक डा. प्रवेश सबलोक के निःस्वार्थ समाजसेवी व्यक्तित्व को

उजागर करते हुए उनका स्वागत एवं अभिनंदन किया तथा स्टार कालेज स्कीम के अंतर्गत होने वाले कार्यक्रम के लिए रसायनिक विज्ञान, प्राणी विज्ञान एवं वनस्पति विज्ञान विभागों को बधाई दी। इसके बाद स्टार कालेज स्कीम के समन्वयक डा. जाहिद अली मालिक ने प्राचार्या, वक्ताओं एवं डीबीटी का धन्यवाद किया एवं इस कार्यशाला के महत्त्व पर प्रकाश डाला। मंच संचालक प्रो. रीना चौहान एवं डा. दीपाली भंडारी ने मुख्य वक्ताओं का विवरण प्रस्तुत किया। प्रथम सत्र में मुख्य वक्ता डा. नीना सबलोक ने 'उच्च रक्तचाप के निदान एवं प्रबंधन' विषय पर विद्यार्थियों को संबोधित किया। उन्होंने गैर संचारी रोग से अपने वक्तव्य की शुरुआत की एवं उच्च रक्तचाप के प्रकार के बारे में अवगत करवाया। इसके अतिरिक्त उन्होंने उच्च रक्तचाप के कारणों जैसे बढ़ती उम्र, अनुवांशिकी, आसान जीवन शैली, अधिक वजन पर विस्तार से चर्चा की।

News Clip 5 Divya Himachal, 20<sup>th</sup> December 2019, p.2

## पांवटा में सिखाया एमर्जेंसी से निपटना

पांवटा साहिब। श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में मेडिकल डायग्नोसिस एवं प्राथमिक चिकित्सा पर आयोजित दो दिवसीय कार्यशाला का समापन हो गया है। कार्यशाला के दूसरे दिन का शुभारंभ प्राचार्या देविंद्रा गुप्ता द्वारा दीप प्रज्वलन कर किया गया। तदुपरांत मंच संचालक प्रो. रीना चौहान एवं प्रो. दीपाली द्वारा मुख्य वक्ता डा. नीना सबलोक का स्वागत एवं अभिनंदन किया गया। डा. नीना सबलोक ने प्रशासनिक देखभाल, अंगदान व अत्याधिक बीमार व्यक्ति की देखभाल के महत्त्व से अपने भाषण की शुरुआत की। उन्होंने प्राथमिक चिकित्सा में उपयुक्त होने वाली एबीसी तकनीक को विस्तारपूर्वक समझाया तथा विद्यार्थियों को सीपीआर तकनीक को डमी मॉडल पर प्रयोग करवाकर दिखाया। उन्होंने प्राथमिक चिकित्सा के अन्य सभी तकनीकों को प्रदर्शित करके दिखाया तथा विषैले दंश, आग लगाना, जलना, हड्डी टूटना जैसी आपातकालीन स्थितियों से निपटने के उपायों पर विस्तार से चर्चा की। प्रथम सत्र की समाप्ति पर डा. नीना सबलोक को प्रो. सुलक्षणा शर्मा द्वारा प्रशस्ति पत्र देकर सम्मानित किया गया। दूसरे सत्र में डा. कमाल पाशा का डा. जगदीश चौहान ने बैज पहिनंग से स्वागत एवं अभिनंदन किया।

News Clip 6 Divya Himachal, 21<sup>th</sup> December 2019, p.4



# छात्रों को रक्तचाप को मापने की विधि सिखाई

मेडिकल डायग्नोसिस व प्राथमिक चिकित्सा पर कार्यशाला आयोजित

छात्र-छात्राओं को प्राथमिक चिकित्सा किट भी की प्रदान

हिमाचल दस्तक ब्यूरो। पांवटा साहिब

पांवटा साहिब में गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में मेडिकल डायग्नोसिस एवं प्राथमिक चिकित्सा पर आयोजित दो दिवसीय कार्यशाला समापन हुआ। इस दौरान कार्यशाला के दूसरे दिन का शुभारंभ प्राचार्य देविन्द्रा गुप्ता ने किया। इसके बाद मंच संचालक प्रो. रीना चौहान व प्रो. दीपाली द्वारा मुख्य वक्त्री डॉ. नीना सबलोक का स्वागत एवं अभिनन्दन किया गया।

प्रो. सुलक्षणा शर्मा ने पिछले दिन की रिपोर्ट प्रस्तुत की तथा मुख्य वक्त्री को मंच पर आमंत्रित किया। मुख्य वक्त्री ने प्रशामक देखभाल, अंगदान व अत्यधिक बीमार व्यक्ति की देखभाल के महत्व से अपने भाषण शुरुआत



की। उन्होंने प्राथमिक चिकित्सा में उपयुक्त होने वाली एबीसी तकनीक को विस्तारपूर्वक समझाया तथा विद्यार्थियों को सीपीआर तकनीक को डमी मॉडल पर प्रयोग करवा कर दिखाया। उन्होंने प्राथमिक चिकित्सा

के अन्य सभी तकनीकों को प्रदर्शित कर के दिखाया तथा विषैले दश, आग लगाना, जलना हड्डी टूटना जैसी आपातकालीन स्थितियों से निपटने के उपायों पर विस्तार से चर्चा की। प्रथम सत्र की समाप्ति पर

डॉ. नीना सबलोक को प्रो. सुलक्षणा शर्मा द्वारा प्रशस्ति पत्र देकर सम्मानित किया गया।

दूसरे सत्र में डॉ. कमाल पाशा का डॉ. जगदीश चौहान ने बैज पिंगि से स्वागत एवं अभिनन्दन किया। दूसरे सत्र के मुख्य वक्ता के रूप में डॉ. पाशा ने उच्च रक्तचाप के कारण व निवारण, सीबीसी तथा गाउट विषयों पर अपना वक्तव्य दिया। उन्होंने स्फिग्मोमनोमीटर से द्वारा रक्तचाप को मापने की विधि को विद्यार्थियों को प्रयोग द्वारा सिखाया।

इसके अतिरिक्त उन्होंने रेनिन एनजीओ तेनसिं सिस्टम सोडियम पोटासियम पंप, डाययूरेटिक जैसे वैज्ञानिक तथ्यों पर भी प्रकाश डाला। सत्र के अंत में डॉ. कमाल पाशा को प्रो. राम लाल तोमर ने प्रशस्ति पत्र एवं स्मृति चिन्ह देकर सम्मानित किया। प्राचार्य देविन्द्रा गुप्ता द्वारा सभी छात्र-छात्राओं को प्राथमिक चिकित्सा किट प्रदान की गई।

News Clip 7 Himachal Dastak, 21<sup>st</sup> December 2019, p. 16

# पांवटा कॉलेज में उच्च रक्तचाप का निदान और उपचार बताया

मेडिकल डायग्नोसिस एवं प्राथमिक चिकित्सा पर कार्यशाला में दिए गुर

अमर उजाला ब्यूरो

पांवटा साहिब (सिरमौर)। श्री गुरु गोविंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में मेडिकल डायग्नोसिस एवं प्राथमिक चिकित्सा पर दो दिवसीय कार्यशाला का वीरवार को शुभारंभ हुआ। कार्यशाला का आयोजन जेय प्रौद्योगिकी विभाग नई दिल्ली के सीजन्य से प्राणी विज्ञान विभाग की ओर से आयोजित किया जा रहा है। कार्यशाला का शुभारंभ प्राचार्य

प्रो. देविंद्रा गुप्ता, मुख्य ब्यक्तता परवेश सबलोक एवं नीना सबलोक ने किया। मां सख्तवती की प्रार्थना से कार्यक्रम शुरू किया गया। प्रथम सत्र में मुख्य ब्यक्ता डॉ. नीना सबलोक ने उच्च रक्तचाप के निदान एवं प्रबंधन की जानकारी दी। उच्च रक्तचाप को मापने की तकनीक व स्टीन चेकअप के विविध परीक्षणों के बारे में जानकारी दी। उच्च रक्त चाप के घरेलू स्वप्रबंधन के तरीके बताए। इससे पहले, कॉलेज की प्राचार्या प्रो. देविंद्रा गुप्ता ने मुख्य अतिथि डॉ. नीना सबलोक व डॉ. प्रवेश



पांवटा साहिब कॉलेज में आयोजित कार्यशाला में उपस्थित विद्यार्थी।

सबलोक के निस्वार्थ समाजसेवी व्यक्तित्व के बारे में बताया। स्टार कॉलेज योजना के अंतर्गत होने वाले कार्यक्रम के लिए रासायनिक विज्ञान, प्राणी विज्ञान एवं वनस्पति विज्ञान विभागों को बधाई दी। स्टार कॉलेज स्कीम के समन्वयक डॉ. जाहिद अली मालिक ने प्राचार्या ब्यक्ताओं व डीबीटी का आभार जताया। दूसरे सत्र में डॉ. नीना सबलोक ने मधुमेह के बारे में बताया। कार्यशाला के तीसरे सत्र में

डॉ. परवेश सबलोक ने अनीमिया तथा डॉ. राजीव गुप्ता ने खून की जांच की विधियों के बारे में विस्तार से बताया। इस अवसर पर स्टार कॉलेज पांवटा कमेटी के सदस्य प्रो. जुगदीश चौहान, डॉ. पनऊर गोपाल, प्रो. रामलाल तोमर, प्रो. विष्मी राजी, प्रो. अमिता जोशी, प्रो. धनमती कंडासी, डॉ. कुंदन शर्मा, डॉ. सुनील कुमार, अधीक्षक अखरफ्त अली समेत कॉलेज स्टाफ सदस्य मौजूद रहे।

News Clip 8 Workshop on Medical Diagnosis

# डॉ. कमाल पाशा ने बताई रक्तचाप मापने की विधि

पांवटा साहिब (सिरमौर)। श्री गुरु गोविंद सिंह जी राजकीय पांवटा साहिब में मेडिकल डायग्नोसिस और प्राथमिक चिकित्सा पर कार्यशाला का समापन हुआ। कॉलेज प्राचार्य प्रो. देविंद्रा गुप्ता ने कार्यक्रम का शुभारंभ रूप में बोलकर किया।

कार्यक्रम में प्रो. सुलक्षणा शर्मा ने पिछले दिन की रिपोर्ट प्रस्तुत की। मुख्य ब्यक्ता डॉ. नीना सबलोक ने प्राथमिक देखभाल, अमिटन व अस्थापिक योग्य अंकि की देखभाल के मात्व से भाषण प्रस्तुत की। प्रथम सत्र का समापन पर डॉ. नीना सबलोक को प्रो. सुलक्षणा शर्मा ने प्रशिक्षण पत्र देकर सम्मानित किया। दूसरे सत्र में वरिष्ठ डॉ. कमाल पाशा को डॉ. जुगदीश चौहान ने वैन विधि से स्वागत किया। दूसरे सत्र के मुख्य ब्यक्ता के रूप में डॉ. पाशा ने उच्च रक्तचाप के कारण-निवारण, मोबोसा और पावट विषयों पर ब्यक्तव्य दिया।

News Clip 9 Training on Blood Pressure Measurement



### 3. DBT Sponsored Two Days National Workshop On Floriculture

Two days national workshop on Floriculture 25-26<sup>th</sup> Feb. 2020 was organized by Department of Botany under DBT sponsored star college scheme. The workshop started on 25<sup>th</sup> February with the inaugural ceremony and lightening of lamp by the Principal and chief guest Dr. Veena Rathore. Coordinator of star college Dr. Jahid Ali Malik gave the welcome address and highlighted the importance of Floriculture, a money spinning industry that deals with the cultivation of ornamental crops. He said that this workshop will provide a forum to all the stakeholders to discuss emerging issues and advances in the area of floriculture. This was followed by badge pinning to the chief guest and invited speakers.



*Photograph 15 Workshop Banner decorated by students of Botany department*

Chief guest **Dr. Veena Rathore**, in her speech congratulated the organizers for conducting a national level workshop on the very important theme. According to her this workshop will be a best amalgamation of eminent academicians, scientists, entrepreneurs and scholars who will share the latest developments in the field floriculture.



*Photograph 16 Chief Guest Dr. Veena Rathore addressing the participants*

In the first technical session **Dr. Priyanka Thakur** Principal Floriculturist Regional Horticultural Research & Training Station Dhaulakuan (H.P.) gave a talk on **“Importance and scope of Floriculture in Himachal Pradesh”**. The important points of her lecture were:

- Detailed information on importance and scope of Floriculture in Himachal Pradesh.
- Variety of floriculture products viz. cut flowers, bulbs, seeds, live plants.
- Different types of plants useful in commercial floriculture namely Gladiolus, Marigold, Carnation, Chrysanthemum, Roses, Liliium, and Gerbera etc.
- Agroclimatic conditions of Himachal Pradesh and more potential for development of Floriculture.
- Cultivation of different types of plants useful in commercial floriculture.
- Different types of floral arrangements by using dried flowers, seeds, leaves, stem etc

## पांवटा कालेज में दी जाएगी शोध की जानकारी

पांवटा साहिब। श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में 25 एवं 26 फरवरी को वनस्पति विभाग द्वारा फ्लोरीकल्चर विषय पर दो दिवसीय राष्ट्रीय कार्यशाला का आयोजन रीजनल हॉर्टिकल्चर रिसर्च एंड ट्रेनिंग स्टेशन धौलाकुआं के सहयोग से जैव प्रौद्योगिकी विभाग नई दिल्ली की स्टार कॉलेज स्कीम के अंतर्गत करवाया जा रहा है। डा. वीणा राठौर प्राचार्य श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब ने जानकारी देते हुए बताया कि इसमें रीजनल हॉर्टिकल्चर रिसर्च एंड ट्रेनिंग स्टेशन धौलाकुआं से डा. एके जोशी, एसोसिएट डायरेक्टर आरएंडई तथा प्रियंका ठाकुर प्रिंसिपल फ्लोरीकल्चरिस्ट मुख्य वक्ता रहेंगे तथा डा. भूपेश गुप्ता, साइंटिस्ट डॉ. वाईएस परमार यूनिवर्सिटी ऑफ हॉर्टिकल्चर एंड फॉरेस्ट्री नौणी सोलन, डा. अजीत कुमार प्रोफेसर डिपार्टमेंट ऑफ हॉर्टिकल्चर जीबी पंत यूनिवर्सिटी ऑफ एग्रीकल्चर एंड टेक्नोलॉजी पंतनगर उत्तराखंड एवं पंजाबी यूनिवर्सिटी पटियाला से डा. मनीष कपूर एसोसिएट प्रोफेसर भी विशिष्ट वक्ता होंगे। कार्यशाला में विभिन्न राज्यों से लगभग 100 प्रतिभागी एवं प्रगतिशील किसान हिस्सा लेंगे। इस कार्यशाला का उद्देश्य विद्यार्थियों में फ्लोरीकल्चर विषय पर चल रहे नवीनतम शोध कार्यों के प्रति जागरूकता लाना है।

*News Clip 10 Divya Himachal, 23<sup>rd</sup> February  
2020, p.3*

## आज खास

## पांवटा कॉलेज में फ्लोरीकल्चर पर राष्ट्रीय कार्यशाला

पांवटा साहिब (सिरमौर)। श्री गुरु गोबिंद सिंह राजकीय महाविद्यालय पांवटा साहिब में 25 और 26 फरवरी को फ्लोरीकल्चर विषय पर राष्ट्रीय कार्यशाला का आयोजन किया जा रहा है। रीजनल हॉर्टिकल्चर रिसर्च एंड ट्रेनिंग स्टेशन धौलाकुआं के सहयोग से जैव प्रौद्योगिकी विभाग नई दिल्ली की स्टार कॉलेज स्कीम के तहत यह आयोजन करवाया जा रहा है। प्राचार्या डॉ. वीणा राठौर ने बताया कि इसमें रीजनल हॉर्टिकल्चर रिसर्च एंड ट्रेनिंग स्टेशन धौलाकुआं से डॉ. एके जोशी एसोसिएट डायरेक्टर (आरएंडई) और प्रियंका ठाकुर प्रिंसिपल फ्लोरीकल्चरिस्ट मुख्य वक्ता रहेंगे। जबकि डॉ. भूपेश गुप्ता साइंटिस्ट डॉ. वाईएस परमार यूनिवर्सिटी ऑफ हॉर्टिकल्चर एंड फॉरेस्ट्री नौणी सोलन, डॉ. अजीत कुमार प्रोफेसर डिपार्टमेंट ऑफ हॉर्टिकल्चर जीबी पंत यूनिवर्सिटी ऑफ एग्रीकल्चर एंड टेक्नोलॉजी पंत नगर उत्तराखंड और पंजाबी यूनिवर्सिटी पटियाला से डॉ. मनीष कपूर, एसोसिएट प्रोफेसर भी विशिष्ट वक्ता होंगे। कार्यशाला में विभिन्न राज्यों से लगभग 100 प्रतिभागी और प्रगतिशील किसान हिस्सा लेंगे। संवाद

*News Clip 11 Amar Ujala 25<sup>th</sup> February  
2020, p.3*

In the second technical session, **Dr. Manish Kapoor**, Associate Professor Department of Botany Punjabi University Patiala delivered a talk a lecture on 'Hitech flower and seed production- The Indian Perspective'.



**Local Advisory Committee**

Dr. N.R. Gopal      Dr. Jahid Ali Malik  
 Prof. Devindra Gupta      Prof. Seema Tyagi  
 Prof. Sulaxna Sharma      Dr. Kundan Sharma  
 Prof. Ram Lal Tamar      Dr. Sunil Kumar  
 Prof. C.K. Sharma      Sh. Ashraf Ali (Supdt.)  
 Prof. Amrita Joshi      Sh. Nazakat Ali (Dealing Assst.)  
 Prof. Dhanmanti Kandasi

**Registration Fee\***

**Corporate/Industry Participants**      Rs. 1000/-  
**Faculty/Scientists**      Rs. 800/-  
**Research Scholars**      Rs. 500/-  
**School Teachers**      Rs. 300/-  
**Farmers**      NIL

\*Registration fees include workshop material, lunch, high tea and Transportation charges from college to RHRTS, Dhaulakuan.

\*\*For accommodation, separate charges will be applicable.

**Mode of payment:** Online  
**Bank Name:** Canara Bank  
**Branch:** Paonta Sahib  
**Account Name:** Principal Govt. Degree College  
**Account No.:** 4200101001814  
**IFSC Code:** CNRB0004200

**Fee Receipt:** The hard copy of fee receipt will be provided to participants on the day of National Seminar.

**DISTANCE BY ROAD FROM NEAREST MAJOR CITIES**

CITY	DISTANCE
AMBALA	98 K.M.
CHANDIGARH	120 K.M.
YAMUNA NAGAR	62 K.M.
HARIDWAR	104 K.M.
ROORKEE	93 K.M.
DEHRADUN	45 K.M.
SHIMLA	180 K.M.
DELHI	250 K.M.

**REGISTRATION FORM**  
**TWO DAYS NATIONAL WORKSHOP**  
**ON**  
**"FLORICULTURE"**  
**(25 - 26<sup>th</sup> February 2020)**

Name: \_\_\_\_\_  
 Gender: \_\_\_\_\_  
 Designation: \_\_\_\_\_  
 Organization/Institution: \_\_\_\_\_  
 Area of Research/ Teaching: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Accommodation Required (Yes/No): \_\_\_\_\_  
 No. of days for which accommodation required: \_\_\_\_\_  
 Contact No.: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

**Registration Fee Details:**  
 Mode of Payment: Online/Cash  
 Transaction Ref. No.: \_\_\_\_\_  
 Name of Bank: \_\_\_\_\_  
 Date of Payment: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Place: \_\_\_\_\_

Signature \_\_\_\_\_

**NOTE:** Send scanned copy of duly filled registration form via email on botany.starcollege@gmail.com till Feb. 20<sup>th</sup>, 2020.

**TWO DAYS NATIONAL**  
**WORKSHOP ON**  
**"FLORICULTURE"**  
**(25-26<sup>th</sup> Feb. 2020)**



**Funded by Department of Biotechnology,  
 Govt. of India  
 Under Star College Scheme**

**Organized By :**  
**DEPARTMENT OF BOTANY**  
**SGGSJ GOVT. COLLEGE PAONTA SAHIB,**  
**DISTT. SIRMOUR (H.P.)**  
**(NAAC ACCREDITED 'B++' INSTITUTION)**



In Collaboration with  
**Regional Horticultural Research and Training Station**  
**DHAULAKUAN, DISTT. SIRMOUR (H.P.)**

**ABOUT THE COLLEGE**

Established in the year 1994, Shree Guru Gobind Singh Jee Government College Paonta Sahib is named after the 10<sup>th</sup> Sikh Guru, the founder of Khalsa Panth Shree Guru Gobind Singh Jee. It is believed that this Holy Guru spent a part of his life here between 1685 to 1689. The college campus is spread over in 40 bighas of land in village Saubh Kheta of Paonta Sahib, about 1.5 kilometers walkable distance from Bus Stand. The college became a NAAC accredited institution and achieved 'B++' grading for its quality oriented approach and potential for growth and excellence in the academic session 2016-17. Recently, in view of this accreditation, the MHRD, Govt. of India has been kind enough to approve for two crore infrastructural grant to the college under RUSA, which will help this institution in achieving the new heights of excellence.

**About Regional Horticultural Research and Training Station (RHRTS) Dhaulakuan**

The Regional Horticultural Research and Training Station, Dhaulakuan, is the out-come of the reformation of the erstwhile state Department of Agriculture, functioning under the aegis of Y.S. Parmar University of Horticulture and Forestry since its inception. Floriculture and Landscaping the most colourful sector of Horticulture, has been started since February, 2012 onwards. In floriculture section, RHRTS Dhaulakuan has been designated as lead centre of DUS testing of Dahlia in India having more than 50 cultivars. In addition, 25 cultivars of chrysanthemum, 6 cultivars of marigold, 4 cultivars of tuberose, 4 cultivars of gerbera and more than 300 different potted plants are available here. Infrastructural facilities include polyhouse, shade net house, mist chamber, flower garden, living trees, shrubs, climbers, bulbous and other perennials, native flower garden (25 species), vertical garden, floral craft laboratory.

**ABOUT THE WORKSHOP**

The workshop on floriculture is one of the various activities proposed by the college under Star College Scheme of Department of Biotechnology (DBT) Government of India.

**Aim & Objective**

The main objective of the workshop is to enhance the skills of students, which can give a new direction to the future prospects of the students. The workshop will focus on the cultural practice, promotional and awareness aspects of floriculture. This workshop will also serve as an outreach activity for farmers and school & college teachers.

**PATRON**

**Dr. Veena Rathore**, Principal  
 SGGSJ Govt. College Paonta Sahib, Sirmour (H.P.)

**CONVENER**

**Ms. Dhanmanti Kandasi**  
 Assistant Professor, Department of Botany  
 Mob. No. 9149245095

**COORDINATOR CUM ORGANIZING SECRETARY**

**Dr. Jahid Ali Malik**  
 Assistant Professor, Dept. of Botany  
 Mob. No. 9625494004

**JOINT SECRETARIES**

**Ms. Sulaxna Sharma**  
 Associate Professor, Department of Zoology  
 Mob. No. 8219666189

**Ms. Amrita Joshi**  
 Assistant Professor, Department of Chemistry  
 Mob. No. 9418132511

**Ms. Seema Tyagi**  
 Assistant Professor, Zoology  
 Mob. No. 7018167919

**Dr. Kundan Sharma**  
 Assistant Professor, Department of Chemistry  
 Mob. No. 9418211568

**Dr. Sunil Kumar**  
 Assistant Professor, Department of Chemistry  
 Mob. No. 7409736969

**BRIEF WORKSHOP DETAILS**

Date	Time	Activity	Venue
25 <sup>th</sup> Feb. 2020	9:00-9:45 am	Registration	
	10:00-1:00 pm	Registration & Technical Session I & II	Multipurpose Hall, GC.
	1:00-2:00 pm	Lunch	
	2:00-5:00 pm	Technical Session III & IV	Paonta Sahib
26 <sup>th</sup> Feb. 2020	10:00-4:00 pm	Training Session & Regional Horticultural Research and Training Station (RHRTS) Dhaulakuan, Distt. Sirmour (H.P.)	

**CALL FOR PARTICIPATION**

Applications are invited in the enclosed 'Registration form' from corporate/industry persons, faculty/scientists and research scholars in the relevant areas like Botany, Agriculture, Horticulture, Forestry etc. The scanned/hard copy of duly filled registration form should be sent via E-mail on botany.starcollege@gmail.com till Feb. 20<sup>th</sup>, 2020. The selected participants will be informed through E-mail.

**NATIONAL ADVISORY COMMITTEE**

**Sh. Arvind Duggal**, Advisor DBT,  
 Department of Biotechnology,  
 Ministry of Science and Technology, New Delhi-3

**Dr. Garima Gupta**, Scientist "E"  
 Programme Officer, Star College Scheme, HRD Division,  
 Department of Biotechnology, Ministry of Science and  
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**Dr. Vatsala J. Pande**, Director, Lok Sabha, Secretariat  
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**Dr. A.K. Bhatt**, Professor  
 Department of Biotechnology  
 Himachal Pradesh University, Shimla (HP)

**Dr. Harsh Nayyar**, Professor,  
 Department of Botany, Panjab University, Chandigarh

**Dr. H.S. Baweja**, Principal Scientist,  
 College of Horticulture, YSP University of Horticulture &  
 Forestry, Nazim Solan (H.P.)

**Dr. Ajit Kumar**, Professor,  
 Department of Horticulture, G.B. Pant University of  
 Agriculture & Technology, Pant Nagar, Uttar Pradesh

**Dr. A.K. Joshi**, Associate Director (R&E),  
 Regional Horticulture Research & Training Station,  
 Dhaulakuan, (H.P.)

**Dr. Priyanka Thakur**, Principal Floriculturist,  
 Regional Horticulture Research & Training Station,  
 Dhaulakuan, (H.P.)

**Dr. Manish Kapoor**, Associate Professor,  
 Department of Botany, Panjab University, Patiala (Pb)

**Dr. Sanjeev Kumar**, Professor,  
 Department of Botany, Central University of Punjab,  
 Bathinda (Pb)

**Dr. Avneet Pal Singh**, Assistant Professor,  
 Department of Botany, Panjab University, Patiala (Pb)

**Dr. Anil K Thakur**, Associate Professor,  
 Govt. College Theog, Shimla (H.P.)

**Dr. Vikas Kumar**, Assistant Professor,  
 Govt. College Nagaon, Solan (H.P.)

**Mr. Prince Thakur**, Assistant Professor,  
 Govt. College Rhamat, Sirmour (H.P.)

Availability of quality planting material has always been a limitation in vegetatively propagated crops. Seed is the basic and most critical input for sustainable agriculture. The response of all other inputs depends on quality of seeds to a large extent. It is estimated that the direct contribution of quality seed alone to the total production is about 15 – 20% depending upon the crop.



*Photograph 17 Invited speaker Dr. Priyanka Thakur delivering talk on Importance and scope of Floriculture in Himachal Pradesh.*

The important points of his talk were:

- History of hybrid seed production and flowers.
- Advantages of F1-hybrids as combination of increased vigour and uniformity.
- Potential of some states in India in terms of latest technology for hybrid seed and flower production.
- The basic infrastructural facilities required for protection of hybrid flower seed production programmes in India.





*Photograph 18 Invited speaker Dr. Manish Kapoor delivering talk on Hitech flower and seed production- The Indian Perspective.*



*Photograph 19 Invited speakers Dr. Manish Kapoor, Dr. Ajit Kumar, Dr. Priyanka Thakur interacting with students.*

**Dr. Ajit Kumar** Professor, Department of Horticulture G.B. Pant University of Agriculture And Forestry Pantnagar , Uttrakhand had given a lecture on '**Cultivation of Commercial Flowering plants**'. Indian floriculture industry comprises of flowers such as Rose, Tuberose, Glads, Anthurium, Carnations, Marigold etc. Cultivation is undertaken in open farm conditions as well as state-of-the-art poly and greenhouses. Dr. Kumar provided the detailed information on the different floral crops. Thereafter, he described the cultivation practices in commercial cultivation of Rose, Liliun, Marigold, Gladiolus, Carnation, Chrysanthemum and Gerbera. His talk also included the detailed account of types and cultivation of ornamental bulbous plants, annual and perennial flowering plants.

This was followed by a talk given by **Dr. B. M. Chauhan**, Subject expert Horticulture Department Paonta Sahib, on the important information on various schemes implemented by Department of Horticulture (H.P.) for promotion of floriculture. Keeping in view immense scope of floriculture in the state, the State Government was promoting floriculture in a big way. The state government has launched new schemes like Pushp Kranti Yojna, Mukhya Mantri Madhu Vikas Yojana, Mukhya Mantri Green House Renovation Scheme and installation of anti-hail nets to give boost up horticulture sector and facilitate the farming community.



*Photograph 20 Invited speaker Dr. B. M. Chauhan delivering talk on schemes implemented by Department of Horticulture (H.P.)*





*Photograph 21 Group photograph of the workshop*

In the post lunch session **Dr. Ajit Kumar** Professor, Dept. of Horticulture, G.B. Pant University of Agriculture & Technology Pantnagar Uttarakhand had given a much elaborated lecture on ‘**Types and Styles of Gardens**’.



*Photograph 22 Invited speaker Dr. Ajit Kumar delivering talk on Types and Styles of Gardens.*

The important highlighting points of his lecture were:

- Principles and elements of Garden designs
- Features of a garden (garden wall, fencing, steps, hedge, Lawn, flower beds.
- Formal and Informal gardens.
- Detailed account of English, Mughal and Japanese gardens.
- Pictures of some famous gardens of India.

This was followed by a lecture by a lecture by **Dr. Priyanka Thakur** Principal Floriculturist Regional Horticultural research & Training Station Dhaulakuan on “**Native ornamentals of western Himalayas: Their conservation and utilization in Floriculture**”.

The important points of her lecture were:

- Detailed account of native ornamental plants of western Himalayas.
- Potential uses of native ornamental plants of the Esstern Hmalayas in landscaping.
- Biodiversity conservation through domestication of native ornamental plants.
- Database management of ornamental native plants of the Western Himalayas.
- Utilization of native ornamentals of Western Himalayas in commercial Floriculture.

The first day of workshop ended with the concluding remarks and vote of thanks by Mrs. Dhanmanti Kandasani.

## **Second Day**

On the second day of Workshop a visit to Regional Horticulture Reasearch and Traning Station (RHRTS) Dhaulakuan was organized for the participants. There in the first session an orientation session of the participants was taken by Dr. A.K. Joshi Associate Director (R& E) RHRTS Dhaulakuan. Then in the main training session Dr. Priyanka Thakur, coordinator cum organizing secretary of the training introduced the various floriculture activities at RHRTS, Dhaulakuan to students. She demonstrated about the following:

- The cultivation of floricultural crops under open and protected condition.
- Suitable media for containerized ornamental plants.
- Working of mist chamber,
- Propagation of ornamental plants through seeds and bulbs.
- Vegetative propagation of flowering and foliage potted plants.

- Demonstration of dry flowers and other value added products.



*Photograph 23 Invited speaker Dr. A.K. Joshi taking orientation session of the participants.*



*Photograph 24 Learning the skills*





*Photograph 25 Exhibition*



*Photograph 26 Students in all attention*

Visits to DUS testing Dahlia, demonstration block and floral craft lab was also organized. After these visits Dr. A. K. Joshi gave detailed information to the participants about – Nursery management in floricultural crops. In the end, plenary session was organized in which all scientists of RHRTS, Dhaulakuan and teachers of SGG SJ Government College Paonta Sahib,



students and farmers participated. The second day of workshop ended with the national anthem.



*Photograph 27 Group photograph of participants at RHRTS, Dhaulakuan during visit.*



*Photograph 28 Participants visiting the fields of Dahlia at RHRTS, Dhaulakuan.*

**Outcomes:**

- Knowledge enhancement of faculty and students.
- Outreach activity for the benefit of farmers.

- Field visits to Regional Horticultural Research & Training Station Dhaulakuan and to progressive farmers' flower fields provided the students a new opportunity for learning through experience. It helps the students to appreciate their field of study more.



News Clip 12 Divya Himachal, 27<sup>th</sup> February 2020, p.4



# फूलों की आधुनिक और वैज्ञानिक खेती किसानों की बढ़ाएगी आय

फ्लोरीकल्चर पर पांवटा पीजी कॉलेज में हुआ राष्ट्रीय कार्यशाला का आयोजन



पांवटा कॉलेज में फ्लोरीकल्चर को लेकर आयोजित कार्यशाला में उपस्थित अधिकारी व अन्य। संवाद

## संवाद न्यूज एजेंसी

पांवटा साहिब (सिरमौर)। फूलों की खेती किसानों की अच्छी आय का माध्यम बन सकती है। देश-विदेश में तेजी से बढ़ती मांग के चलते फूलों के बाजार का व्यापक विस्तार हो चुका है।

ऐसे में आधुनिक व वैज्ञानिक तरीके से बाजार की मांग के अनुरूप फूलों की खेती कर किसान-बागवान व अन्य लोग आर्थिक तौर पर संबल हो सकते हैं। इस आशय के विचार श्री गुरु गोबिंद सिंह जी राजकीय महाविद्यालय पांवटा साहिब में फ्लोरीकल्चर विषय पर आयोजित दो दिवसीय राष्ट्रीय कार्यशाला में विशेषज्ञों ने व्यक्त किए। पीजी महाविद्यालय के अधीन संचालित स्टार व्यावसायिक कॉलेज में कार्यशाला का आयोजन

बायोटेक्नोलॉजी विभाग दिल्ली व वनस्पति विभाग पांवटा कॉलेज ने किया। कार्यशाला में फूलों के उन्नत बीजों व आधुनिक खेती से आर्थिक रूप से संबल बनने बारे में जानकारी दी गई। कार्यशाला में विभिन्न कॉलेजों के प्रतिनिधियों सहित उन्नत किसान व बागवानों ने शिरकत की।

कार्यशाला में बतौर मुख्य अतिथि प्राचार्या डॉ. वीणा गौड़ व विशिष्ट अतिथि प्रधानाचार्या क्षेत्रीय फ्लोरीकल्चर रिसर्च एंड ट्रेनिंग सेंटर धौलाकुआं डॉ. प्रियंका ठाकुर ने फ्लोरीकल्चर की संभावनाओं व महत्व के बारे में जानकारी दी। पंजाब विवि पटियाला से पहुंचे डॉ. मनीष कपूर ने उन्नत फ्लोवर सीड एंड प्रोडक्शन के बारे बताया। पंतनगर कृषि विवि से पहुंचे डॉ. अजीत कुमार ने फूलों की मंडियों व

विपणन पर प्रकाश डाला। विषय विशेषज्ञ पांवटा डॉ. बीएम चौहान ने केंद्र व राज्य सरकार ने बागवानी विशेषकर पुष्प उत्पादन को बढ़ावा देने वाली योजनाओं को बताया।

कार्यशाला के दूसरे दिन धौलाकुआं अनुसंधान केंद्र का शोधार्थियों, विभिन्न कॉलेजों से पहुंचे विद्यार्थियों व प्रगतिशील किसानों ने भ्रमण किया। कार्यशाला के समन्वयक डॉ. जाहिद अली मलिक व संयोजक प्रो. धनमंती कंडासी ने अतिथियों व प्रतिभागियों का आभार जताया। इस मौके पर प्रो. देविंद्रा गुप्ता, प्रो. सुलक्षणा शर्मा, प्रो. रामलाल तोमर, प्रो. जगदीश चौहान, प्रो. अमिता जोशी, डॉ. सुनील कुमार, डॉ. जाहिद अली मलिक, भजन चौधरी, मेहबूब अली व डॉ. कुंदन शर्मा समेत कॉलेज का स्टॉफ मौजूद रहा।

# **III. Academic Year**

## **2017-18**



## 1. Seminar on Pradhan Mantri Kisan Sampada Yojana

A seminar on Pradhan Mantri Kisan Sampada Yojana was organised in the college on 21<sup>st</sup> April 2018. PM Kisan SAMPADA Yojana is a comprehensive package which will result in creation of modern infrastructure with efficient supply chain management from farm gate to retail outlet. It will not only provide a big boost to the growth of food processing sector in the country but also help in providing better returns to farmers and is a big step towards doubling of farmers income, creating huge employment opportunities especially in the rural areas, reducing wastage of agricultural produce, increasing the processing level and enhancing the export of the processed foods.

### पांवटा कॉलेज में प्रधानमंत्री किसान संपदा योजना पर व्याख्यान आयोजित

पांवटा साहिब (सिरमौर)। राजकीय महाविद्यालय पांवटा में प्रधानमंत्री किसान संपदा योजना पर व्याख्यान का आयोजन किया गया जिसमें केंद्र सरकार की एक प्रधानमंत्री किसान संपदा योजना की जानकारी दी गई। फूड प्रोसेसिंग में कार्यरत प्रो. राहुल देव ने कहा कि इस योजना में मेगा खाद पार्क, कोल्ड चेन, खाद संस्करण परीक्षण क्षमताओं का सृजन-विस्तार, कृषि प्रसंस्करण एवं परीक्षण क्षमताओं का सृजन-विस्तार, कृषि प्रसंस्करण, कलस्टर अवसंरचना आदि की जानकारी दी गई। ब्यूरो

*News Clip 14 Amar Ujala 22th April 2018, p.6*

# **IV. Academic Year**

## **2016-17**

## **1. Entrepreneurship Awareness Camp (EAC)**

A three-days Entrepreneurship Awareness Camp (EAC) was organised by HIMCON (Himachal Consultancy Organisation Ltd.), Shimla in Government College Paonta Sahib from 10<sup>th</sup> to 12<sup>th</sup> August 2016. The programme was sponsored by National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Government of India. Sh. Yashpal Singh Tomar, Assistant Professor of Economics also delivered a lecture entitled “Unleashing your Entrepreneurial Capabilities” during the three days Entrepreneurship Awareness Camp (EAC).